



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

September 24, 2013

Ms. Gail Eddings  
Allegheny County Health Department  
Department of Air Quality  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

RECEIVED

OCT 17 2013

Subject: USS Reference Number: 13-0187  
ACHD Reference Number: N/A  
Sulfur Plant Incinerator  
USS Clairton Works

Dear Gail Eddings,

The attached form confirms our verbal report of the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Thomas E. Schumacher  
Plant Manager  
Clairton Works

CC: James W. Hagedorn (USEPA)

NOTICE OF OUTAGE OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 13-0187  
ACHD Reference Number: N/A
2. Date & Time of Breakdown: Date: 09/23/13 Time: 0330 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: Sulfur Plant Incinerator
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA

**Nature and cause of breakdown:** The sulfur plant incinerator B684A was unavailable for service due to a bad incinerator combustion fan. The sulfur plant incinerator B684A is a redundant piece of equipment. However, the spare B684 incinerator failed due to plugged inlet gas piping.

8. Identification of Emissions:
  - A. Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
Elevated H<sub>2</sub>S at the incinerator stack.
  - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). H<sub>2</sub>S is an eye, nose, and throat irritant.
  - C. Amount of each type emitted (or likely to be emitted).  
Light to Moderate.
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).  
The repairs were completed to the B684A incinerator and normal operations resumed.
10. Facility back in operation - Date: 09/23/13 Time: 0930 hours

Reviewed by Aileen M. Davis Date 9-25-13  
Coleen M. Davis  
Senior Environmental Control Engineer Phone: 412-233-1015